

L 1663-66 RWT(1)/RWT(m)/ETC/ENG(m)/ENP(t)/ENP(b)/ETC(n) IJP(c) JD/JW

ACCESSION NR: AP8023688

UR/0076/65/039/2145/2149
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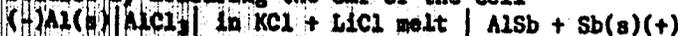
AUTHOR: Vecher, A. A.; Geyderikh, V. A.; Gerasimov, Ya. I.

TITLE: Study of thermodynamic properties of binary alloys by the method of electro-
motive forces. Part 10: The aluminum-antimony system

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 9, 1965, 2145-2148

TOPIC TAGS: aluminum alloy, antimony alloy, electromotive force, thermodynamic pro-
perty

ABSTRACT: The thermodynamic properties of the compound formed by aluminum and anti-
mony were studied by measuring the emf of the cell



in the 663-889°K range. The thermodynamic functions of formation of solid AlSb from
solid components at 800 and 298°K and from liquid components in the 663-1333°K range
were calculated. The liquidus line, calculated on the basis of the authors' own re-
sults with the assumption that Al-Sb melts obey Raoult's law, agrees well with the
liquidus line obtained experimentally by G. G. Urazov (*Izv. in-ta fiz. khim. analiza*,

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ACCESSION NR: AP5023883

1, 161, 1921) in the Al-AlSb region. The agreement is not as good in the AlSb-Sb region. The thermodynamic functions of formation of the $Al_{0.5}Sb_{0.5}$ melt from liquid components at the melting point of AlSb were calculated. The high negative enthalpy and excess entropy of formation offset each other so that the excess Gibbs free energy of formation of the melt $\Delta G^{0,1993}$ is close to zero. Orig. art. has: 1 figure, 2 tables, and 12 formulas. 3

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. N. V. Lomonosova (Moscow State University)

SUBMITTED: 15 May 64

ENCL: 00

SUB CODE: 00, MM

NO REF SOV: 009

OTHER: 002

Card 2/2

VECHER, M.A.; KRAMER, A.; SHAPIRO, Y.S.

1. Main body properties of the material. AN SBR 144
M.A. 1975-1976. (MIRA 18:10)

2. Makovitskiy gosudarstvennyy universitet. 3. Ucheny-korrespondent
AN SBR (for General info).

VECHER, R.A.; GEYDERIKH, V.A.; GERASIMOV, Ya.I.

Thermodynamic properties of iron-silicon alloys. Izv. AN SSSR.
Neorg. khim. 1 no.10:1722-1731 0 '65.

(MIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
Submitted July 5, 1965.

VECHER, A.A.; GEYDERIKH, V.A.; GERASIMOV, Ya.I.

Study of the thermodynamic properties of binary alloys by the
electromotive force method. Part 10. Zhur. fiz. khim. 39
no.9:2145-2149 S '65. (MIRA 18:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.
Lomonosova.

ACC NR: AP6034757

SOURCE CODE: UR/0020/66/170/005/1110/1112

AUTHOR: Abbasov, A. S.; Mamedov, K. N.; Nikol'skaya, A. V.; Gerasimov, Ya. I.
(Corresponding member AN SSSR); Vasil'yev, V. P.

ORG: Physics Institute, Academy of Sciences AzerbSSR (Institut fiziki Akademii nauk AzerbSSR); Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Thermodynamic properties of gallium arsenide investigated by the electro-motive force procedure

SOURCE: AN SSSR. Doklady, v. 170, no. 5, 1966, 1110-1112

TOPIC TAGS: gallium arsenide, thermodynamic property, emf, electric conductivity, ~~semiconductor device~~
semiconductor device, quantum generator

ABSTRACT: Since GaAs is important as the active ingredient in semiconductor injection quantum generators, which convert electric current directly into high-efficiency coherent radiation, its basic thermodynamic properties were studied. A procedure is described for measuring electric conductivity through GaAs electrodes in an electrolyte of LiCl + KCl with 0.1% of GaCl₃ added, at temperatures ranging from 637 to 741C. The 99.99% pure components were pressed in 6 x 3mm tablets with tungsten wire contacts protruding. Electric conductivity and electrolyte temperatures were both registered by PPTV-1 potentiometers as the temperature rose and again as it declined in all test series, the relation being plotted on a graph. All test findings were processed by Card 1/2

UDC: 541.1.11.115

ACC NR: AP6034757

the method of least squares and expressed by a formula for comparison with a similar formula evolved in tests with an electrolyte $ZnCl_2 + KCl + NaCl$, which however, proved more subject to error than the $LiCl + KCl$.² Standard thermodynamic properties were also worked out for 298C and with findings by other scientists. The authors are grateful to L. Ya. Krol' and L. P. Aleksandrova for providing gallium arsenide specimens. Orig. art. has: 6 formulas, 1 table, and 1 figure.

SUB CODE: 11/ SUBM DATE: 18Feb66/ ORIG REF: 008/ OTH REF: 012

09/

Card 2/2

GERASIMOV, I. K. ; CHUNIKHINA, I. K.

"On the Synthesis and Analysis of Vanadium Sulfides," Zhur. Obshch. Khim., 9
No. 6, 1939. Laboratory of Chemical Thermodynamics. Moscow State University."
Received 2 July 1938.

U-1517, 22 Oct. 1951

GERASIMOV, Ya. N.
GERASIMOV, Ya. N.

* "Termodinamicheskie Svoystva Volframov Dvukhvalentnykh Metallov,"

XIIIth International Congress of Pure and Applied Chemistry, XVIIth Conference
of the Union (IUPAC) Stockholm, Jul 29 - Aug 4 '53, Uppsala Aug 5-7 '53.

MEZHENNIIKOV, A., inzh.; KIZATOV, P., starshiy inzh. po tekhnicheskoy informatsii; GERASIMOV, Ye.; GORBANEV, V.; KOSTENKO, P.

Exchange of experience. Izobr.i rats. no.5:22 My '62.
(MIRA 15:5)

1. Byuro tekhnicheskoy informatsii Karbyuratornogo zavoda, Leningrad (for Mezhenikov).
 2. Kombinat "Sikhali", pos. Tetyukhe, Primorskiy kray (for Kizatov).
 3. Chlen prezidiuma oblastnogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov, g. Irkutsk (for Gerasimov).
 4. Sekretar' oblastnogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov (for Kostenko).
- (Technological innovations)

KAMAY, Gil'm; GHRASIMOV, Ye.A.

Reaction of diphenylphosphoryl chloride with magnesium
organic compounds. Trudy KKHI no.15:26-31 '50.
[publ. '51] (MIRA 12:12)
(Phosphoryl chloride) (Magnesium organic compounds)

GERASIMOV, Ye.A.; BOCHVAROV, S.Zh.

Forsterite and periclase-forsterite refractories with low porosity.
Ogneupory 30 no.2:44-45 '65. (MIRA 18:3)

1. Sofiyakiy khimiko-tehnologicheskiy institut, Narodnaya
Respublika Bolgariya.

GERASIMOV, Ye. I.
NIKOL'SKAYA, A.V.; OTOPKOV, P.P.; GERASIMOV, Ye. I.

Investigation of the thermodynamic properties of binary metallic systems by the electromotive force method. Part 2: The system cadmium-copper [with summary in English]. Zhur. fiz. khim. 31 no. 5:1007-1012 My '57. (MIRA 10:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Cadmium-copper alloys)

BGATOV, V.I.; AKUL'SHINA, Ye.P.; BUDNIKOV, V.I.; GERASIMOV, Ye.K.;
GUROVA, T.I.; KAZANSKIY, Yu.P.; KAZARINOV, V.P.;
KONTOROVICH, A.E.; KOSOLOBOV, N.I.; LIZALEK, N.A.;
MATUKHIN, R.G.; MATUKHINA, V.G.; PETRAKOV, V.U.; RODIN,
R.S.; SAVITSKIY, V.Ye.; SHISHKIN, B.B.; GRIN, Ye.P.,
tekhn. red.

[Lithoformational analysis of sedimentary rocks] Litologo-
formatsionnyi analiz osadochnykh tolshch. Pod red. V.I.
Bgatova i V.P.Kazarinova. (MIRA 16:7)

1. Sibirskiy nauchno-issledovatel'skiy institutu geologii,
geofiziki i mineral'nogo syr'ya.
(Rocks, Sedimentary--Analysis)

BOGUSH, O.I.; GERASIMOV, Ye.K.; CHERNYAK, G.Ye.; YUFEREV, O.V.

Krestyakh conglomerates at the mouth of the Lana River
and their analogies. Dokl. AN SSSR 153 no.1:166-169 N '63.
(MIRA 17:1)

1. Institut geologii i geofiziki Sibirskogo otdeleniya
AN SSSR. Predstavleno akademikom A.A. Trofimukom.

GERASIMOV, Ye. K.

Triassic sedimentary series in the northwestern margin of the Siberian
Platform. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 10:118-122 '63.
(MIRA 17:10)

Bibliography. Ibid.:123

BOGUSH, Oksana Ivanovna; GERASIMOV, Yevgeniy Konstantinovich;
YUFERKOV, Oleg Vyacheslavovich. Primali uchastiye:
DUBATOLOV, V.N.; CHUDINOVA, I.I.; IVANOVSKIY, A.B.;
YELKIN, Ye.A.; CHERNYAK, G.Ye.; FURSENKO, A.V., otv. red.

[Lower Carboniferous of the lower Lena Valley] Nizhnii
karbon nizov'ev Leny. Moskva, Nauka, 1965. 64 p.

(MIKA 18:7)

1. Chlen-korrespondent AN Belorusskoy SSR (for Fursenko).

MIKHAYLOV, S.S. prof. (Orenburg, Sovetskaya ul., d.6, kv.5); PIS'MENOV, I.A.;
GERASIMOV, Ye.M.

Alloplasty of the major veins. Vest. khir. 91 no. 7:25-33
Jl'63 (MIRA 16:12)

1. Iz kafedry operativnoy khirurgii (zav. - prof. S.S. Mikhaylov)
Orenburgskogo meditsinskogo instituta.

GERASIMOV, Ye. P.; BERLYAYEV, K. V.; GIL', A. V.; KNYAZEV, S. N., Engineers

"Cast Thread Gauges," Stanki I Instrument, 16, No. 3, 1945

BR-52059019

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GERASIMOV, Yevgeniy Petrovich; KATSEVICH, L.S., kand. tekhn. nauk
red.

[Technology of the construction of electric furnaces]Tekh-
nologiya elektropechestroeniia. Moskva, Energiia, 1965.
174 p. (MIRA 18:12)

GERASINOV, YU. A

LISITSA, IZD*2 MOSKVA, GOS. IZD-VO TEKHN. I EKON, LIT-RY PO VOIROSAM ZAGOTOVOK, 1953. 71p.

(BIBLIOTEKA PROMYSLOVOGO OKHOTNIKA.)

GERASIMOV, Yu. A.

~~Manuscript title~~

Mange of wild foxes. Trudy VNIIO no. 13:116-134 '53.
(Foxes--Diseases) (Scabies)

(MLRA 7:5)

GERASIMOV, YU. A. (Moscow)

"Experience with Aerial Counting of Moose in the Moscow Oblast and Verification of the Results by the Method of Mathematical Statistics"

Report presented at the 3rd Conference on the use of Mathematics in Biology, Leningrad University, 23-28 Jan. 1961.

(Primeneniye matematicheskikh Metodov v Biologii. II, Leningrad, 1963 pp 5-11)

GERASIMOV, Yu.A.

Censusing moose in Moscow Province from an airplane and the
verification of results by the methods of mathematical
statistics. Prim. mat. metod. v biol. no.2:234-238 '63.
(MIRA 16:11)

ASATURYAN, A.Sh.; GERASIMOV, Yu.A.; CHERNIKIN, V.I.

Efficient hydraulic transport of viscous and highly-viscous
petroleum. Izv. vys. ucheb. zav.; neft' i gaz 8 no.4:83-
87 '65.

(MIRA 18:5)

1. Zaporozhskiy mashinostroitel'nyy institut im. V.Ya.Chubarya
i Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im.akad. I.M.Gubkina.

BELYY, D.I.; GERASIMOV, Yu.A.

Effect of alloying elements on the density of dislocations.
Fiz.-khim. mekh. mat. 1 no.1:78-81 '65. (MIFA 19:1)

1. Mashinostroitel'nyy institut im. V.Ya. Chubarya, Zaporozh'ye.
Submitted September 30, 1964.

GERASIMOV, Yu.G.

Some results of geological studies in the zone of magnetic anomalies on the boundaries of the Ovruch series of rocks. Geofiz.sbor. no.2: 93-96 '62. (MIRA 16:3)

1. Institut geofiziki AN UkrSSR.
(Dniepar Valley--Geology, Stratigraphic)
(Dnieper Valley--Magnetic anomalies)

GERASIMOV, Yu.G.; NAUCHUK, V.K.

Practice of using combination electric profiling in the Kamel'-
nik area. Geofiz. sbor. no.4:55-60 '63. (MIRA 16:9)

1. Institut geofiziki AN UkrSSR.

GERASIMOV, Yu.G.

Contemporaneous tectonic movements in the Krivoy-Rog part of
the Ukrainian Crystalline Shield as reflected by the relief
and emanation anomalies. Geofiz.sbor.no.5:33-37 '63.
(MIRA 17:5)

1. Institut geofiziki AN UkrSSSR.

GERSHMAN, Ye.I.; INTELIOVA, L.I.; MAYDANUK, V.S.

Distribution of the abundance ratios of uranium in the boundaries of
the Ukrainian Crystalline Shield. Geofiz. sbor. no.9:91-96 '64.

(MIRA 18:6)

1. Institut geofiziki AN URSR.

GERASIMOV, Yuriy Ivanovich; FRIDMAN, Grigoriy Beniaminovich;
KOMAR, M.A., red.; LARIONOV, G.Ye., tekhn. red.

[Explosionproof transformer substations for mines]
Shakhtnye vzryvobezopasnye transformatornye podstantsii.
Moskva, Gosenergoizdat, 1963. 158 p. (Transformatory,
no.11) (MIRA 17:4)

16.5500

S/055/062/000/005/002/004
1027/1227

AUTHOR: Yu.K. Gerasimov

TITLE: On the behavior of the solution of the third boundary value problem for a parabolic equation

PERIODICAL: Vestnik Moskovskogo Universiteta. Seria I. Matematika. Mekhanika. no.5, 1962, 34-43

TEXT: The author considers the behavior at infinity of the solutions of the third boundary value problem for the parabolic equation
$$L[u] = a(x,t)u_{xx} + b(x,t)u_x + c(x,t)u - u_t = 0 \quad (1)$$
 in a domain $G: \{0 < x < \psi(t), t > 0\}$ depending on the function $\psi(t)$. It is assumed that $a(x,t) \geq a_0 > 0$, $c(x,t) \leq 0$, $b(x,t) \leq B$. The boundary conditions are
$$\tilde{L}_1[u] = u_x(0,t) - h_1(t)u(0,t),$$

$$\tilde{L}_2[u] = -u_x(\psi(t),t) - h_2(t)u(\psi(t),t). \quad (2)$$

✓A

The main result is an estimate of the form $|u(x,t)| \leq 2 \max_{0 \leq x \leq \psi(0)} |u(x,0)| \exp(-c \int_0^t \tau d\tau)$ (c is a certain constant). The same problem is considered and a similar estimate is given for parabolic equations

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S/055/062/000/005/002/004
I027/I227

On the behavior of the solution...

In higher dimensions. Results for the simpler case where G is the strip $\{0 < x < 1, t > 0\}$ were obtained by Krzyzanski [Ref.1, Atti della Acad. Naz. dei Lincei. Rendicort1, 28. no.1, 1960, 37-42]. A similar study of the first boundary value problem is given by Cheremnykh, Yu. [Ref.2, Izv. ANSSSR, Ser.Matem. vol.23, no.6, 1959, 913-924]. The author thanks Profs. Landis and Cheremnikh for their help and guidance. JA

ASSOCIATION: Katedra differenzial'nykh uravneniy (Cathedral of differential equations), Moscow University

SUBMITTED: January 6, 1962

Card 2/2

GERASIMOV, Yu.K., insh.

Epoxy resins in construction. Transp. stroi. 13 no.6:72--73 Je
'63. (MIRA 16:9)
(Epoxy resins)

DOBROTIN, V.P., inzh.; GERASIMOV, Yu.K., inzh.

New developments in foreign technology. Zhel. dor. transp.
45 no.11:89-92 N '63. (MIRA 16:12)

GERASIMOV, Yu.K., Inzh.

Studies of elements of insulation brackets. Transp. stroi. 14
no.6:41-43 Je '64. (MIRA 18:2)

GERASIMOV, Yu.K.

Phragmén - Lindelöf's theorem for functions of generalized
nonpositive curvature. Dokl. AN Arm. SSR 39 no.1:3-6 '64.
(MIRA 17:8)

1. Yerevanskiy politekhnicheskiy institut imeni K.Marksa.
Predstavleno akademikom AN Armyanskoy SSR M.M.Dzhrbashyanom.

GERASIMOV, Yu.K.

Uniqueness theorem for an elliptic equation of the second order with two independent variables. Dokl. AN Arm. SS 39 no. 2:65-68 '62. (MIRA 17:9)

1. Yerevanskiy politekhnicheskii institut im. K.Marksa.

GERASIMOV, Yu.K., inzh.

Temporary plastic roofs covering construction work in winter.
Prom. stroi. 41 no.7:47-48 J1 '64. (MIRA 17:8)

GERASIMOV, Yt.K., inzh.

Improvement of current take-off systems on foreign electric railroads. Zhel.dor.transp. 46 no.6:88 Je '64.

New developments in foreign technology. Ibid.:91

(MIRA 18:1)

GERASIMOV, Yu. M.

AID P - 5155

Subject : USSR/Engineering
Card 1/1 Pub. 103 - 14/18
Author : Gerasimov, Yu. M.
Title : Attachment for rounding off pipes
Periodical : Stan. 1 instr., 5, 42, My 1956
Abstract : A very short description of a cutting arrangement for rounding off the pipe ends with better efficiency and easier handling. One drawing.
Institution : None
Submitted : No date

S/070/62/007/001/016/022
E039/E435

AUTHORS: Gerasimov, Yu.M., Grechushnikov, B.N.

TITLE: The optical orientation of crystalline grains

PERIODICAL: Kristallografiya, v.7, no.1, 1962, 137

TEXT: Description of a method of orientating crystalline grains with dimensions up to about 0.5 mm, based on the classical method of Fedorov. The crystals are orientated by observing the position at which extinction occurs when they are placed between crossed polarisers. Details of the apparatus are shown in a photograph. The crystal is stuck to an auxiliary needle and mounted so that it is at the centre of a hollow glass sphere and on the axis of rotation of the ring on the Fedorov table. After orientation, which is facilitated by filling the sphere with liquid, the required direction is along the optic axis of the polarizing microscope. A second needle is then set up along this optical axis and the crystal is carefully transferred to it, the desired direction of the crystal now being along the axis of the second needle. The crystals are fixed by the use of the vapour from glue dissolved in various solutions (e.g. silicate glue)

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The optical orientation ...

S/070/62/007/001/016/022
EO39/E435

BQ-2 (BF-2) and others). The method was checked using a hexagonal crystal of syngony and, from measurements with a goniometer, it was shown that an accuracy of 1 to 2' could be obtained. There is 1 figure.



ASSOCIATION: Institut kristallografii AN SSSR
(Institute of Crystallography AS USSR)

SUBMITTED: April 14, 1961

Card 2/2

DISTLER, G.I.; DARYUSINA, S.A.; GERASIMOV, Yu.M.

Method for determining inhomogeneities of crystal surfaces based on
early crystallization stages. Dokl. AN SSSR 154 no.6:1328-1330 F
'64. (MIRA 17:2)

1. Institut kristallografii AN SSSR. Predstavleno akademikom N.V.Belovym.

DISTLER, G.I.; GERASIMOV, Yu.M.; BORISOVA, N.M.

Direct method for studying the electric microrelief of crystalline surfaces. Dokl. AN SSSR 165 no.2:329-331 N '65.

(MIRA 18:11)

1. Institut kristallografii AN SSSR. Submitted March 18, 1965.

GERASIMOV, Yu.V.; GALYATIN, V.M.; Primal uchastiye KURMAYEV, S.G.

Investigating conditions of the slowing-down of the workpiece by
the outlet table following ejection. [Sbor. trud.] TSNIICHM
no.29:121-127 '63. (MIRA 17:4)

GALYATIN, V.M.; KALINSKIY, D.N.; Primalni uchastiye: KUROCHKIN, I.F.;
DUVANOV, A.I.; SOLOV'YEV, Yu.F.; GERASIMOV, Yu.V.; GROVAL'D, V.G.;
SHASHKOV, V.N.; VOLKOV, A.A.; ZHILKO, E.I.; MITROPOL'SKIY, Yu.I.;
FEDOSEYEV, S.V.; GONCHAROV, F.I., rabotnik; SHEMETOV, P.Ye.,
rabotnik; CHUPRINA, I.A., rabotnik; DEMIN, P.Ye., rabotnik;
GONCHARENKO, P.V., rabotnik; SIMANYUK, G.N., rabotnik

Investigating power and technological parameters of rolling on the
2350 medium sheet mill. [Sbor. trud.] TSNIICM no.29:138-148
'63. (MIRA 17:4)

1. Sotrudniki TSentral'nogo nauchno-issledovatel'skogo instituta
chernoy metallurgii (for Gerasimov, Grosval'd, Shashkov, Volkov,
Zhilko, Mitropol'skiy, Fedoseyev). 2. Listoprokatnyy tsekh
Magnitogorskogo metallurgicheskogo kombinata (for Goncharov,
Shemetov, Demin, Chuprina, Goncharenko, Simanyuk).

GERASIMOV, Yu. Ya.

PA 1PTP

USSR/Fuel Conservation
Fuels, Solid

Aug 1947

"Burning of Local Fuel at the Aktyubinsk Chemical
Combine," Yu. Ya. Gerasimov, 5 pp

"Za Ekonomiyu Topliva" No 8

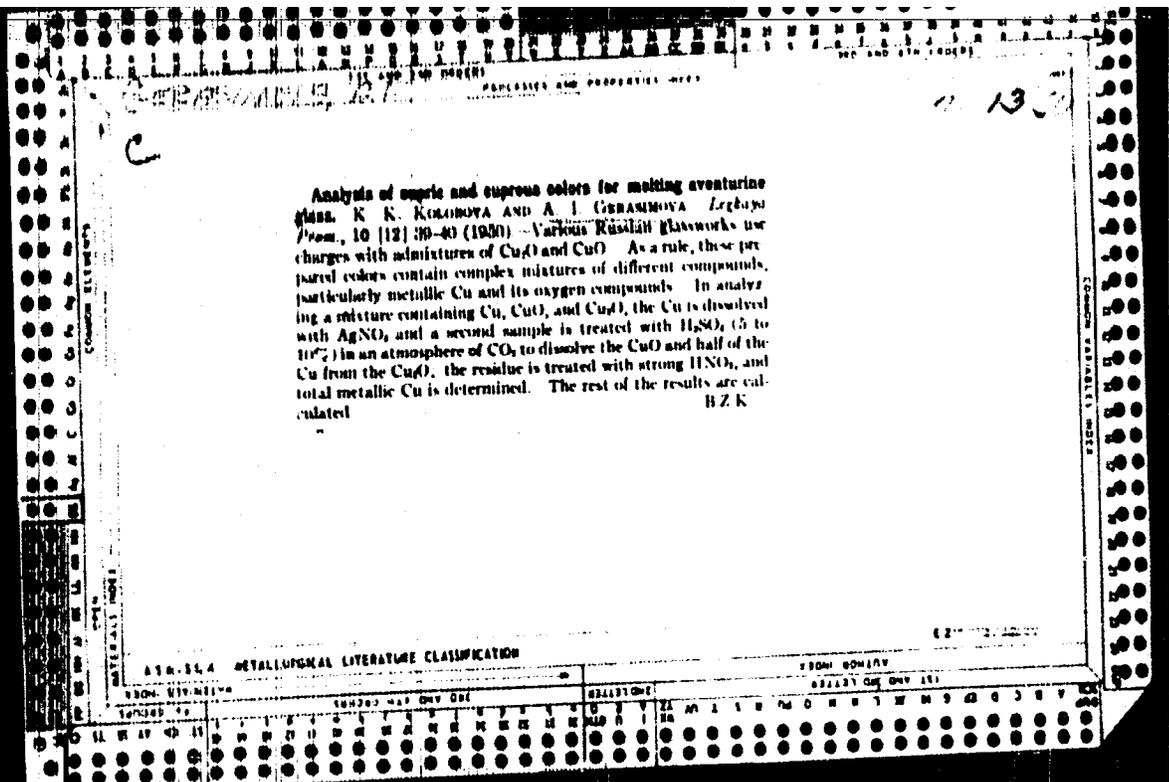
As an economy and efficiency measure local fuel
was to be used, such as coal mined at Ber-
Chogursk. However, the low grade of the coal made
it necessary to make many changes in the furnace
equipment of the Aktyubinsk Chemical Combine.
Diagrams of furnaces and alterations which were
made.

1878

GERASIMOVA, A.I.

25066 GERASIMOVA, A.I. Novyye Sposoby Bor'by S Vreditelyami Lyutserny I Espartseta.
V Sb: Voprosy Kormodobyvaniya. Vyp. 2. M., 1949, S. 181-84

SO: Letopis', No.33, 1949



OMRASIMOVA, A. I. (Riga)

Advanced training of pharmacists is the basic factor for the improvement of pharmaceutical service to the population, Apt. delo 6 no.2:57-58 Mr-Ap '57. (MIRA 10:6)

1. Kursant tsikla upravlyayushchikh aptekami farmatsevticheskogo fakul'teta Kiyevskogo instituta usovershenstvovaniya vrachey. (PHARMACY--STUDY AND TEACHING)

USSR / General and Special Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16418

Author . : Gerasimova A.I.

Inst : Not given

Title : On the problem of Maize Pests under the conditions of Moscow oblast'. (K voprosu o vreditelyakh v usloviyakh Moskovskoi oblasti).

Orig Pub: Dokl. Mosk. s.-kh.akad.im. K. A. Timiryazeva, 1957, vyp. 29, 162-165.

Abstract: No abstract.

Card 1/1

18

SEROBYEV, P.A.; SHAIN, S.S.; KONSTANTINOVA, A.M.; GERASIMOVA, A.I.; MINIAEVA,
O.M.; FEDOSYEV, B.V.; TULIN, N.S., red.; GOR'KOVA, Z.D., tekhn.
red.

[Growing red clover] Kul'tura krasnogo klevera. Moskva, Gos. izd-
vo sel'khoz. lit-ry, 1958. 541 p. (MIRA 11:10)
(Clover)

GERASIMOVA, Aleksandra Ivanovna, kand.sel'skokhoz.nauk; MINYAYEVA, Ol'ga
~~MIKHAYLOVNA~~, kand.biolog.nauk; KAPYSHEVA, V.S., red.; BALLOD, A.I.,
tekh.n.red.

[Diseases and pests of forage grasses] Vrediteli i bolezni kornovykh
trav. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 359 p.

(MIRA 14:6)

(Forage plants--Diseases and pests]

ACCESSION NR: AT4019309

S/0000/63/003/001/0159/0161

AUTHOR: Shmeleva, N. A.; Chistoserdov, V. G.; Gerasimova, A. I.

TITLE: The effect of dilute hydrofluoric acid solutions on lithium silicates

SOURCE: Simpozium po stekloobraznomu sostoyaniyu. Leningrad, 1962. Stekloobraznoye sostoyaniye, vy* p. 1: Katalizirovannaya kristallizatsiya stekla (Vitreous state, no. 1: Catalyzing crystallization of glass). Trudy* simpoziuma, v. 3, no. 1. Moscow, Izd-vo AN SSSR. 1963. 159-161, insert facing page 163

TOPIC TAGS: glass, photosensitivity, ultraviolet light, crystalline phase glass, crystallization, photosensitive glass, hydrofluoric acid, silicate, lithium silicate

ABSTRACT: The solubility of some photosensitive glass in hydrofluoric acid depends on previous exposure to ultraviolet light. In view of the practical importance of this problem, the crystalline phases which result in increased solubility in hydrofluoric acid were studied.

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ACCESSION NR: AT4019309

A photosensitive glass with 8% Al_2O_3 in the form of 20 x 20 x 0.5 mm plates was used as the test sample. HF solubility was studied on samples crystallized for 2 hours at a temperature of 500-800C with 50° intervals, the difference in weight being determined before and after a 50-minute treatment with 10% HF solution. The relative solubility data for the crystalline phases (most probably eucryptite, lithium metasilicate, lithium disilicate, spodumene, α -cristobalite, and quartz) was obtained by treating a finely ground sample (0.5 g) for one hour in 50 cc of 1% hydrofluoric acid at 20C with stirring. The rate of dissolution of the irradiated, crystallized samples was 6-10 times higher than that of the nonirradiated samples. Electron micrographs of samples crystallized at 600C showed ($\times 18000$) clear striation even on 1-micron crystals. The limited range of increased solubility of irradiated and crystallized glasses in 10% HF solution must be attributed to conversion into a solid solution, the thickening of its structure and the concentration of cristobalite along the cracks due to shrinkage in the crystal. Orig. art. has 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 17 May 63

DATE ACQ: 21 Nov 63

ENCL: 00

SUB CODE: MT

NO REV SOV: 000

OTHER: 000

Card 2/2

(Gerasimova, H. M.)

20-2-37/60

AUTHORS: Yevreinova, T. N. , Yermolayeva, L. P. , Gerasimova, A. M.

TITLE: Purine and Pyrimidine Bases of the Thermophile Variety of Bacillus mycoides (Purinovyie i pirimidinovyie osnovaniya termofil'nogo varianta Bacillus mycoides)

PERIODICAL: Doklady AN SSSR, 1958, Vol. 118, Nr 2, pp. 334 - 337 (USSR)

ABSTRACT: It is to be assumed that thermophile microorganisms must have their chemical peculiarities. The chemism of life at high temperatures is, however, very little investigated. Many purine- and pyrimidine-bases are contained in the nucleic acids, nucleotids and nucleosides of the microbes. The former contain 3 groups and serve as sources of co-enzymes of a number of biological reactions and energy-rich phosphorus compounds (reference 4). It is of interest to determine which influence is exerted by the high temperature upon the total content of purine- and pyrimidine-bases. The thermophile proteolytic variety of Bacillus mycoides chosen as test object was isolated from the dregs of sewage which are fermented in thermophile vessels of methane production (reference 1). Table 1 gives the morphological characteristic of 2 cultures: a) at 58°C and b) at 44°C. The purine- and pyrimidine-bases were determined by distilling off of alcohol from alcohol-centrifugates. The chromato-

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20-2-37/60

Purine and Pyrimidine Bases of the Thermophile Variety of Bacillus mycoides

graphic method on paper was used for this (references 8, 9). The 4-contents of the bases in the bacterial mass were determined (table 2). From this it is to be seen that with an increase in temperature from 44 to 58°C the total amount of these bases decreases by about 38%. The content of every individual basis in the culture cultivated at 58°C is smaller than at 44°C. The temperature is a factor which accelerates chemical enzymatic reactions, consequently also the biological processes. The decrease in these bases may here possibly be explained by the fact that the increased temperature partially replaces the enzymatic activity and the energy which were connected with the presence of the bases in the microorganisms. The following bases were determined: guanine, adenine, cytosin, uracyl, and thymine. There are 3 figures, 2 tables, and 9 references, 4 of which are Slavic.

ASSOCIATION: State University imeni M. V. Lomonosov, Moscow (Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova)
PRESENTED: September 6, 1957, by A. I. Oparin, Academician
SUBMITTED: September 6, 1957
AVAILABLE: Library of Congress

Card 2/2

Orlov, I.V., kand. tekhn. nauk; Korotkaya, L.I. [in Russian, 2.0.]

Klas'omeric polyurethan foam, its properties and use in the clothing industry. I.V. Orlov, L.M. Korotkaya. Tekh. prom. no. 1:
7-10 Ap-Je'64. (MIRA 1964)

GERASIMOVA, A. M.

V 238. Determination of calcium salts in sugar
by the complexometric method. F. N.
Dobrotvov and A. M. Gerasimova. (Sukhar,
1961, No. 3) In the method of
Kozlov and Kozlova (Anal. Abstr., 1958, 3, 237),
Chromogen blue K and Chromogen dark blue were
found to be better indicators than Chromogen black.
SUGAR IND. ABSTR.

ND

①

Novo-Troitskaya Guppovaya Laboratoriya

DOBRONRAVOV, F.N.; ZHURAVLEVA, Z.D.; GERASIMOVA, A.M.

Methods for purifying juice by means of cold and hot predefecation.
Sakh.prom. 30 no.10:12-16 0 '56. (MLRA 10:1)

1. Nove-Troitskiy sakharnyy zavod.
(Sugar industry)

DOBROBRAYOV, N.F.; GERASIMOVA, A.M.

Operation of the diffusion battery according to the method of the
Kuban Sugar Mill No.2. Sakh. prom. 31 no.10:22-24 0 '57. (MIRA 11:1)

1. Novo-Troitskaya gruppovaya laboratoriya.
(Sugar machinery)

DOBRONRAVOV, N.F.; GERASIMOVA, A.M.

Return of the suspension from settling tanks to predefecation.
Sakh.prom. 32 no.10:21-26 0 '58. (MIRA 11:11)

1. Novo-Troitakaya gruppovaya laboratoriya.
(Sugar manufacture)

DOBROKHAVOV, F.N.; GERASIMOVA, A.M.; ACHKASOVA, G.V.

Effect of invert sugar on the properties of filtered juice.
Sakh.prom. 33 no.10:19-23 0 '59. (MIRA 13:3)

1. Novo-Troitskaya grupповaya laboratoriya.
(Sugar manufacture)

FRIMER, A.I.; BELAVTSEVA, Yo.M.; GERASIMOVA, A.K.

Electron microscopic study of photocathodes subjected to gaseous
discharge effects. Izv. AN SSSR. Ser. fiz. 20 no. 10: 1195-1196 0 '56.
(Photoelectric cells) (Electron microscopy)

GERASIMOVA, A.M.

Category : USSR/Electronics - Photoeffect. Electron and Ion Emission

H-2

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4267

Author : Primer, A.I., Gerasimova, A.M.

Title : Electron Microscopical Investigation of the Structure of Photocathodes

Orig Pub : Zh. tekhn. fiziki, 1956, 26, No 4, 726-732

Abstract : Description of a procedure and results of electron-microscopical investigations of oxygen-caesium, antimony-caesium and bismuth-caesium photocathodes. The structural differences of the cathodes at different stages of their formation are established. It is shown that the irregularities in thick oxygen-caesium photocathodes occur even in the process of the reduction of the oxidized layer of silver. The most homogeneous and the most sensitive are semitransparent cathodes, provided silver is evaporated in addition on the deeply-oxidized thin silver layer of the base. A distinguishing feature of the structure of antimony-caesium cathodes with different dispersivity is their homogeneity (in the sense of the absence of any large crystals, needle-like segregations, etc.). Sensitization and oxidation of a antimony-caesium cathode changes its structure relatively little. The existence

Card : 1/2

Category : USSR/Electronics - Photoeffect. Electron and Ion Emission

H-2

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4267

of a connection between the sensitivity of photocathodes and their structure is noted. Bibliography, 5 titles.

Card : 2/2

27601

S/187/61/000/004/001/002
D053/D112

 (140)
AUTHORS: Artem'yev, N.L., Gerasimova, A.M., and Stepchenkova, N.P.

TITLE: The infrared vidicon

PERIODICAL: Tekhnika kino i televideniya, no. 4, 1961, 15-19

TEXT: The authors describe the design and investigate the operational characteristics of infrared (IR) vidicons developed in the USSR and abroad. The current ЛИ-18 (LI-18), ЛИ-21 (LI-21), ЛИ-23 (LI-23) and ЛИ-401 (LI-401) Soviet vidicons use targets with a photoconductive layer made of either antimony trisulfide or selenium and have a spectral response in the visible spectrum with an IR edge at 0.9μ . Prototypes of Soviet IR vidicons have been developed on a base of lead compounds. The targets of these tubes are manufactured by evaporating lead oxide onto the signal plate, activating the lead oxide in a hydrogen-sulfide atmosphere and then dusting-on some more lead oxide. This additional dusting-on of lead oxide serves to improve the secondary-emission factor of the photoconductive layer. It was suggested by Yu. Malyugin who participated together with V. Ognera in the development of the IR vidicons. The operational characteristics of

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D053/D112

The infrared vidicon

the Soviet vidicons were investigated and compared with those of foreign 10667 Emitron and RCA vidicons. The results obtained indicate that the IR vidicon operating in the visual spectral range has a higher response than vidicons with antimony sulfide and selenium targets. A comparison of the light characteristics of different-type vidicons operating in the visible spectral region is shown in Fig. 3. The spectral response (Fig. 1) of the Soviet IR vidicon has its maximum at 1μ and covers a frequency range up to 2μ . The tube resolution was found to be 450 lines by using the 0249 test pattern and the WKC-1 (IKS-1) filter at a target illumination of 1 lux. This resolution drops to 200 lines when the test pattern is moved at a speed of 3 mm/sec corresponding to the displacement of the projection across the target. The signal magnitude under these conditions is from 0.03 to $0.05\mu\text{a}$. Figure 4 shows the watt-ampere characteristics of IR vidicons. The curves indicate that an increase of the blackbody temperature by 50°C , from 300 to 350°C , increases the signal magnitude threefold. There are 7 figures and 6 English references. The four most recent references to English-language publications read as follows: Redington and

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The infrared vidicon

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D053/D112

van Heerden, Doped silicon and germanium photoconductors as targets for infrared television camera tubes, Journal of the Opt. Soc. of America, 1959, 49, No. 10; Dudner, Schwarts and Shapiro, Detecting low-level infrared energy, Electronics, 1959, 26, No. 6; Oches and Weimer, Some new structure-type targets for the vidicon, RCA Review, 1958, No. 3; Jacobs, J., Berger, H., Large Area Photoconductive X-ray pickup-tube performance, Electr. Eng. 1956, No. 2.

X

Card 3/6

ORLOVA, I.V., kand. tekhn. nauk; GERASHIMOVA, A.M. [Herasymova, A.M.]

Effect of temperature on the hygienic properties of poly-
urethane foam. Leh. prom. no.4:9-12 (-D '64 (MIRA 18:1)

ORLOV, I.V., kand. tekhn. nauk, dotsent; GERASIMOVA, A.N., inzh.

Shaping of clothing elements made from "porolon." Izv. vys.
ucheb. zav.; tekhn. leg. prom. no.4:113-118 '63. (MIRA 16:10)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii shveynogo proizvodstva.

ORLOV, I.V., kand. tekhn. nauk; GERASIMOVA, A.N. [Herasymova, A.M.]

Effect of temperature on the hygienic characteristics of foam
polyurethane. Loh.prom. no.1:13-16 Ja-Mr '65. (MIRA 18:4)

ORLOV, I.V., kand. tekhn. nauk; GERASIMOVA, A.N. [Herasymova, A.M.]

Studying the properties of shaped porolon interlining for
headgear. Leh. prom. no.3:10-14 JI-S '65. (MIRA 18:9)

ORLOV, I.V., kand. tekhn. nauk; GERASIMOVA, A.N. [Herasymova, A.M.]

Molding of warm interlining for headgear. Leh. prom. no.3:

53-56 JI-S '65.

(MIRA 18:9)

ORLOV, I.V., kand. tekhn. nauk; GELASIMOVA, A.N. [Gelasyimova, A.M.];
DOVGOSHETA, S.T. [Dovkosheta, S.T.]

Shaping of parts of women's apparel. Len. prom. no.4:5-7
O-D '65. (MIRA 19:1)

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S/181/62/004/009/040/045
B104/B186

24.7400
26.1640

AUTHORS: Kirsanova, T. S., Shul'man, A. R., and Gerasimova, A. P.

TITLE: Adsorption of barium oxide on the (110) face of a tungsten single crystal

PERIODICAL: Fizika tverdogo tela, v. 4, no. 9, 1962, 2617-2620

TEXT: The experiments were made with a method developed earlier (T. S. Kirsanova, I. Ye. Sakharov, Radiotekhn. i elektron., 5, 69, 1960). The (110) face of a tungsten single crystal was prepared at the Laboratoriya kafedry elektrofiziki Tashkentskogo gosudarstvennogo universiteta (Laboratory of the Department of Electrophysics of Tashkent State University). The experimental arrangement permitted heat treatment of the single crystal at temperatures up to 2600°K and simultaneous bombardment with electrons. The barium oxide was applied at a constant spraying rate of 0.015 monolayers/minute. The dependence of the work function on the temperature of the single crystal during the spraying was determined (Fig.). Results: When BaO is sprayed onto hot W backings, the adsorptive and thermionic properties of the BaO-W system depend

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Adsorption of barium oxide on...

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B104/B186

considerably on the crystallographic orientation of the faces. Unlike in the adsorption of BaO on polycrystalline backings or on not densely packed tungsten atoms (T. S. Kirsanova et al., FTT, v. 4, no. 9, 1962, p. 2617; Radiotekhnika i elektron., 5, 840, 1960) the work function in the interval between room temperature and 1150°K does not decrease when BaO is adsorbed on densely packed W atoms. This is explained by the single-phase adsorption of barium oxide on the densely-packed tungsten surface atoms. There is 1 figure. f

ASSOCIATION: Leningradskiy politekhnicheskii institut im. M. I. Kalinina
(Leningrad Polytechnic Institute imeni M. I. Kalinin)

SUBMITTED: May 24, 1962

Fig. Work function versus coating time t (minutes) at various temperatures of the W single crystal.

Legend: (1) 500°K; (2) 650°K; (3) 750°K; (4) 870°K; (5) 900°K; (6) 1150°K (annealing temperatures). Backing temperatures: (7) 300°K; (8) 650°K; (9) 750°K; (10) 870°K; (11) 900°K; (12) 1000°K; (13) 1150°K.

Card 2/2

GERASIMOVA, A.S.

Characteristics of recent geological processes developing in the lower Ob' and Irtysh Valleys. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.2:103-111 '59. (MIRA 13:4)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo gos.universiteta.
(Ob' Valley--Geology) (Irtysh Valley--Geology)

GERASIMOVA, A.S.

Engineering and geological characteristics of the left-bank slopes of the Irtysh River in the region of its lower course. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.3:179-183 '59. (MIRA 13:6)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo (Irtysh Valley--Physical geography)

GERAEIPOVA, A. S., Cand Geol-Min Sci -- (diss) "Contemporary geological processes in the Lower Priob'ye and their engineering geological significance." Moscow, 1960. 23 pp; (All-Union Scientific Research Inst of Hydrogeology and Engineering Geology -- VSYeGIRGYeC, Moscow Order of Lenin and Order of Labor Red Banner State Univ im N. V. Lomonosov); 110 copies; price not given; (KL, 24-60, 129)

GERASIMOVA, A.S.; SERGEYEV, Ye.M.

Some problems of large- and medium scale mapping for
purposes of engineering geology as revealed by the study
in the Krasnoyarsk region. Sov. geol. 6 no.11:141-144
N '63. (MIRA 17:1)

L 01803-67 ENT(m)/EWP(j)/T IJP(c) WH/RM

ACC NR: AP6030605 (AN) SOURCE CODE: UR/0413/66/000/016/0093/0093

40
B

INVENTOR: Yeliseyeva, V. I. ; Avetisyan, I. S. ; Drezel's, S. S. ; Zubov, P. I. ;
Popov, V. A. ; Makarov, Yu. A. ; Izmaylova, I. S. ; Orlova, K. G. ; Gerasimova,
A. S. ; Gordonov, M. D. ; Il'chenko, G. I. ; Shreyner, S. A.

ORG: none

TITLE: Method of obtaining alkyl acrylate copolymers. Class 39, No. 185057

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 93

TOPIC TAGS: copolymer, copolymerization, monomer, alkyl acrylate

ABSTRACT: An Author Certificate has been issued for a method of obtaining alkyl acrylate copolymers with a vinyl acetate by emulsion copolymerization of the proper monomers in the water phase in the presence of an anion emulsifier. To obtain stable dispersions, 1-5 mol % unsaturated carboxylic acid, such as methacrylic acid, is introduced into the initial monomer mixture. [Translation] [NT]

SUB CODE: 07/ SUBM DATE: 16Jan65/

Card 1/1

UDC: 678.744.32-139

GERASIMOVA, A.T. (Leningrad); PROKOPOVICH, B.A. (Leningrad)

Teaching physics in Leningrad schools. Fiz. v shkole 21
no.1:72-75 Ja-F '61. (MIRA 14:9)
(Leningrad--Physics--Study and teaching)

СЕНАСТАВКА

Dynamics of some grape constituents during ripening. V. G. Gerasimova and P. P. Dikhtyar (Moscow Branch, Inst. of Plant Physiology, Vvedenie i Vinogradarstvo S.S.S.R., No. 9, 13-14 (1963)). Four different varieties of grapes grown in the most northern region of vine cultivation in the U.S.S.R. (Kokchetav District) were analyzed for pH, titratable acidity (I), sugar (II), total N (III), protein N (IV), non-protein N, and free amino acids (V) at 4 different maturity stages of the grapes, on Aug. 26 and on Sept. 8, 16, and 25, resp. In general, the grapes grown in the northern regions contain more I and less II than those grown in the south. (Taking as an example I of the 4 grape varieties investigated (variety Madlen Anzhevia) the chem. compn. of the grapes at the 4 maturity stages indicated was as follows: pH 2.45, 2.85, 3.05, and 3.11; I 30.8, 15.05, 12.81, and 11.79 g/l.; II 5.91, 1.28, 12.50, and 12.51%; III 0.53, 0.68, 0.75, and 0.82 g/l.; IV 0.17, 0.22, 0.23, and 0.36 g/l. and V - II+, ++, and +++ resp. V are present in grapes when II is over 12%). Chromatographic analysis of V indicated that qual. compn. of V does not change with maturity; however, the quant. compn. does. Quantitatively, the following V were found: aspartic acid, glutamic acid, serine, threonine, glycine, alanine, valine, methionine, and isoleucine + leucine. H. Wierzbicki.

FRANTSESON, V.A., doktor sel'skokhozyaystvennykh nauk; GERASIMOVA, A.V.,
nauchnyy sotrudnik

Structure of recently reclaimed Chernozem soils of northern Kazakh-
stan and Western Siberia and problems of preserving their fertility.
Zemledelie 7 no.3:40-49 Mr '59. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agro-
pochvovedeniya (for Gerasimova).
(Kazakhstan--Chernozem soils) (Siberia, Western--Chernozem soils)

GERASIMOVA, A.V., GORDON, G.G., and KONVALOVA, A.V.

"Operation of the Drobyshev Precision Stereometer SM-3bis"
Sbornik Statey po Geodezii, No.6, 1954, pp 39-44

Working conditions including physiological effects on the stereometer SM-3bis were analyzed by the Central Scientific Research Institute of Aerial Survey and Cartography together with the Institute of Work Hygiene and Occupational Diseases. All observers established a basis at variance with the physiological, because of imperfect eyepiece basis. Both eyepieces should be provided with a dioptric scale. (RZhAstr, No.11, 1954)

SO: W-31187, 8 Mar 55

GERASTMOVA, A. V.

"The Phosphorus Balance of Rats Normally and in the Case of a Trans-
planted Sarcoma." Sub 12 Nov 51, First Moscow Order of Lenin Medical Inst.
Card. Med. Sci.

Dissertations presented for science and engineering degrees in Moscow
during 1951.

SO: Sum. No. 480, 9 May 55.

GEFASINGA, A. V.

"Disturbances in the Functions of the Alimentary Tract in Cases of Typhus." Thesis for degree of Cand. Medical Sci. Sub 20 Mar 50, First Moscow Order of Lenin Medical Inst.

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

Gerasimova, H. V.
EL'PIKOR, I. Ya.; GERASIMOVA, A. V.

Effect of ultrasonics on depolymerase of deoxyribonucleic acid.
Doklady Akad. nauk 86 no. 4:797-800 1 Oct 1952. (GLML 23:3)

1. Presented by Academician A. I. Oparin 5 September 1952. 2. Academy of Medical Sciences USSR.

Original No. 1.

Biological Chemistry, Biochemistry of Animals (1954)

Ann. N.Y. Acad. Sci., Vol. 6, 1954, pp 46-47

Ivanov, I. I.; Gerasimova, A. V.; Tshollov, L. L.

Protein Composition of Muscle Plasma

Viscosity of muscle plasma is not lowered in the presence of HCl when ATP is added. Proteins present in muscle plasma do not react with actin to form actomyosin.

SO: Referativnyi Zhurnal -- Khimiya, No. 2, 1954 (W-30407)

GERASIMOVA, A. V.

35519. O Lechenii Khronicheskikh Metuberkuleznykh Magnoyeniy Legkogo.
V SB: Voprosy Grudivoy Khirurgii. T. III. P., 1949, s. 129-36.

Letópis' Zhurnal'nykh Statey, Vol. 48, Moskva, 194

GERASIMOVA, A. V.

23643.

POKAZANIYA K FEREVYAZKE KRUPHYKH VETVEY LEGOCHE NYKH SOSUDOV. KHIRURGIYA, 1949, No. 7,
s. 18-24.

SO: LETOPIS' NO. 31, 1949

GERMANOV, A. T.

"Pneumectomy." Sub 2 Jul 51, Second Moscow State Medical
Institute I. V. Stalin.

Dr. Med. Sci.

Dissertations presented for science and engineering degrees
in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

BAKULEV, A.N.; GERASIMOVA, A.V.

Multi-stage radical pulmonary surgery. Khirurgiia, Moskva no.
8:50-61 Aug 1952. (CJML 23:3)

1. Professor for Bakulev; Doctor Medical Sciences for Gerasimova.
2. Of the Faculty Surgical Clinic (Director -- Honored Worker in Science Prof. A. N. Bakulev), Second Moscow Medical Institute imeni I. V. Stalin.

GERASINOVA, A.V.

Muscle plastic surgery of bronchial fistulas following pneumonectomy.
Khirurgiya, Moskva No.12:54-60 Dec 51. (C.L.M.L. 21:4)

1. Docent. 2. Of the Faculty Surgical Clinic (Director--Honored Worker
in Science Prof. A.N. Bakulev), Second Moscow Medical Institute imeni
I.V. Stalin.

GERASIMOVA, A. Y.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Bakulev, A. N.		
Gulyayev, A. V.		
Kochergin, I. G.		
Busalov, A. A.		
Meshalkin, Ye. N.	"Notes on Clinical Operative	Second Moscow Medical Institute
Zhur, V. A.	Surgery"	imeni I. V. Stalin
Gerasimova, A. V.		
Vlasova, Ye. F.		
Meshalkin, I. N.		
Bukosuyev, S. G.		

SO: W-30604, 7 July 1954